

CLAIMS

- [001] A refrigeration device comprising a collection device (10, 11) for condensed water, characterised in that a vaporiser (14; 29) for the condensed water is connected to the collection device (10, 11).
- [002] The refrigeration device according to claim 1, characterised in that the vaporiser (14) is disposed above a collecting tray (12).
- [003] The refrigeration device according to claim 1, characterised in that an evaporator tray (12) heated by a compressor (7) is further connected to the collection device (10, 11).
- [004] The refrigeration device according to claim 2 and claim 3, characterised in that the collecting tray (12) and the evaporator tray (12) are identical.
- [005] The refrigeration device according to any one of the preceding claims, characterised in that the vaporiser (14) comprises a vaporiser nozzle and a pump (16, 17, 25) for pressing the condensed water through the vaporiser nozzle.
- [006] The refrigeration device according to claim 5, characterised in that the pump (16, 17, 25) comprises a linearly movable piston (17) and a solenoid (25) displaceable in a coil (24) for driving the piston (17).
- [007] The refrigeration device according to claim 5 characterised in that the pump is driven by opening and/or closing a door (2) of the refrigeration device.
- [008] The refrigeration device according to any one of claims 1 to 4, characterised in that the vaporiser (29) is formed by a high-frequency oscillator.
- [009] The refrigeration device according to any one of the preceding claims, characterised by a sensor (28, 30, 31) for detecting a collected quantity of condensed water and a control device for operating the vaporiser (14; 29) when the collected quantity of condensed water detected exceeds a limiting value.